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SOURCE Magyar Nemzet.

WASTE PRODUCTS TO BE USED IN PRODUCTION
OF ALCOHOL AND WOOD SUBSTITUTE

PRODUCE ALCOHOL FROM WOOD SCRAPS -- Budapest, Magyar Nemzet, 12 Jan 51

As a result of the Economy Resolution of the Hungarian Cabinet Council, the Material Conservation Office (Anyagtakarekossagi Gazdasagi Iroda) has been organized. The purpose of the new agency is to conduct experiments on the basis of suggestions submitted by innovators for the utilization of by-products and waste materials.

One of the innovations concerns the utilization of forestry and agricultural waste material, which is expected to revolutionize the alcohol distilling industry of Hungary. Experiments have shown that from wood scrap, sawdust, and other cellulose-containing agricultural by-products may be extracted a diluted sugar solution which, in turn, forms an excellent base for alcohol production.

Hungary's forestry yields 152,000 cubic meters (50,000 tons) of wood scrap annually, which is unsuitable for fuel or industrial purposes. In addition, there are large quantities of sawdust, as well as agricultural by-products containing cellulose, such as corn stalks, reeds, oat husks, etc., which go to waste. By converting these waste materials into sugar, the basic material for the provision of Hungary's alcohol requirements may be assured at a 50-percent saving.

Alcohol distilleries using the new basic material will be built during the first half of the current Five-Year Plan.

WORKER INVENTS ARTIFICIAL WOOD -- Budapest, Magyar Nemzet, 18 Jan 51

Ferenc Aba, a Hungarian wood worker, has invented a wood substitute which has been named Abafa [Aba, from the name of the inventor; fa, meaning wood]. The components of the new material are sawdust, wood shavings or scrap, and rice hulls, which are compressed by a special process.

Abafa resembles bakelite, but is harder and more durable and is used for the manufacture of inkwells, radio cabinets, desk tops, etc.

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